

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:
Jonathan Meigs, et al.

Docket: 30-4590 (4950)

Serial Number: 09/361,458

Group Art Unit: 2832

Filed: July 27, 1999

Examiner: Karl Easthom

For: COMPOSITION AND METHOD FOR MANUFACTURING INTEGRAL
RESISTORS IN PRINTED CIRCUIT BOARDS

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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FEB 21 2002

TECHNOLOGY CENTER 2800

Sir:

In response to the Office Action mailed November 23, 2001, please amend the above
identified patent application as follows:

CLEAN AMENDED CLAIMS

1. (Twice Amended) An electrically resistive composite material consisting essentially of an electrically conductive material selected from the group consisting of antimony, arsenic, bismuth, cobalt, tungsten, manganese, lead, zinc, palladium, phosphorus, sulfur, carbon, tantalum, aluminum, iron, titanium, platinum, tin, nickel, silver, copper and combinations thereof; and an electrically non-conductive particulate material selected from the group consisting of silicon carbide, alumina, platinum oxide, tantalum nitride, talc, polyethylene, tetrafluoroethylene, and mixtures thereof evenly dispersed throughout the conductive material; which electrically resistive composite material is formed by codepositing the electrically non-conductive particulate material and the electrically conductive material onto a substrate by electrodeposition.